

**Table 4-1**

**Action Levels**  
**Range 4A Fog Oil Storage Area**  
**Pelham Range, Parcel 123(6)**  
**Fort McClellan, Calhoun County, Alabama**

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When in Level C Personal Protective Equipment (PPE)

Analyte	Action Level	Required Action <sup>a</sup>
Volatile Organic Compounds (VOC)	$\geq 10$ parts per million (ppm) above background in breathing zone (BZ)	Stop work, evacuate work area, notify CIH.
Oxygen	$\geq 20\%$ , $\leq 23\%$ $< 20\%$ , $> 23\%$	Normal operations. Stop work, evacuate work area/notify CIH.
Flammable vapors	$\geq 10\%$ lower explosive limit (LEL)  $< 10\%$ LEL	Stop work, evacuate work area, notify CIH. Continue operations, monitor for VOC's
Benzene	$\geq 5$ ppm in BZ	Notify CIH, stop work, evacuate work area.

When in Level D Modified/D PPE

Analyte	Action Level	Required Action <sup>b</sup>
VOCs	$\geq 5$ ppm above background in BZ	Stop activities, suspend work activities for 15 to 30 minutes, if readings are sustained then upgrade to Level C PPE/notify CIH. Check benzene using detector tube, if $> 1.0$ ppm, notify CIH.
Oxygen	$\geq 20\%$ , $\leq 23\%$ $< 20\%$ , $> 23\%$	Normal operations. Stop work, evacuate work area/notify CIH.
Flammable vapors	$\geq 10\%$ LEL  $< 10\%$ LEL	Stop work, evacuate work area/notify CIH. Continue operations, monitor for VOCs.
Benzene	$\geq 1$ ppm in BZ	Notify CIH; upgrade to Level C PPE.

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When in Support Zone

Analyte	Action Level	Required Action
VOCs	$\geq 1$ ppm above background in BZ	Evacuate support zone and re-establish perimeter of exclusion zone.

<sup>a</sup> Four instantaneous peaks in any 15-minute period or a sustained reading for 5 minutes in excess of the action level will trigger a response.

<sup>b</sup> Contact with the H&S manager must be made prior to continuance of work. The H&S manager may then initiate integrated air sampling along with additional engineering controls.

**No one is permitted to downgrade levels of PPE without authorization from the H&S manager.**